savin®

Security Solutions

PROVEN > TRUSTED > SMART > RELIABLE > SECURE >

Multi-layered protection for your documents and data.

savin

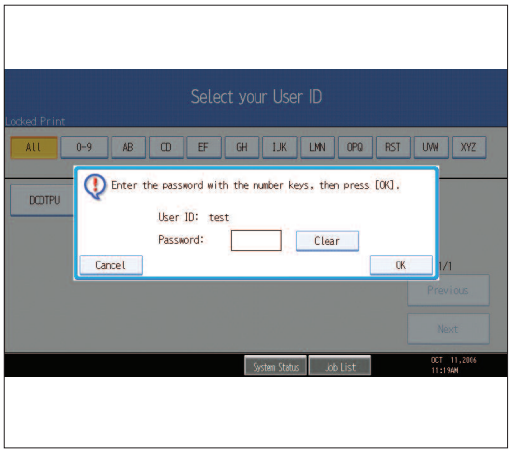
The comfort of knowing your information is safe and secure.

SAVIN® understands how vital trust and security are in this digital age. We know it is critical that your documents and data do not fall into the wrong hands. That is why we offer multiple lines of defense to help you protect the information that flows through your Savin multifunctional products (MFPs), printers and facsimiles. Our systems feature built-in technologies that offer strong protection for your data. Savin also offers a portfolio of optional technologies and professional services that take document and data protection to an entirely new level.

Secure Documents And Data

Proprietary software makes it extremely difficult to access documents and data on a Savin MFP or printer hard drive.

Enhanced Document Security



Enhance document security by configuring Savin MFPs to release documents only to authenticated users with a valid user ID and password.

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Built-In Defense

Savin-engineered MFPs and printers are equipped with proprietary software to control machine functions. This standard design feature forms an imposing line of defense against unauthorized users looking to extract documents or data.

- Helps prevent the hard drive from being accessed if it is removed from a Savin MFP or printer and connected directly to a PC.
- Destroys File Allocation Tables (FAT) after jobs are finished, making it nearly impossible to locate and retrieve files.

Automated Protection

Many Savin MFPs and printers use Random Access Memory (RAM) instead of a hard drive for document processing. This means that document images are not stored on a hard drive and are not available for retrieval.

- Erases all images automatically when the system is powered down.
- Allows MFPs and printers to be used with confidence — even for jobs involving highly proprietary information.

Exceptional Network Security

Savin offers a range of modern network security solutions that allow you to authenticate users, encrypt network communications and close unused network ports.

- Helps prevent hackers and other malicious parties from gaining access to networks, servers, output devices and data.
- Helps control access to MFP and printer output (hold for the authenticated user) and restrict access to documents, databases, scanners and other assets.

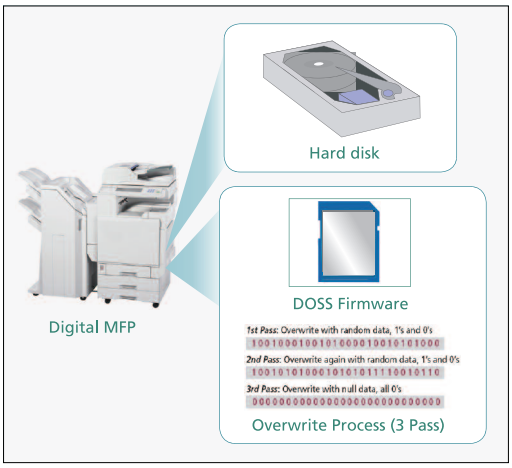
Network Security Solutions

Savin network security solutions – such as Enhanced Locked Print – protect printed and electronic data against opportunistic or targeted threats, both internal and external.

Hard Drive Encryption

Guard against data theft – even if the MFP or printer is stolen – with Savin's powerful hard drive encryption option.

DataOverwriteSecurity System


Hard disk
DOSS Firmware
Digital MFP
1st Pass: Overwrite with random data, 1's and 0's
2nd Pass: Overwrite again with random data, 1's and 0's
3rd Pass: Overwrite with null data, all 0's
Overwrite Process (3 Pass)

Savin's DataOverwriteSecurity System (DOSS) helps protect your confidential information by automatically overwriting latent digital images on the hard drive after all copy, scan and print jobs.

ISO 15408 Certification

Select DOSS versions have achieved ISO 15408 certification under limited conditions. ISO 15408 is an international standard for information security that provides verification of IT security features.

Automatically Overwrite Data

Savin's optional DataOverwriteSecurity System (DOSS) automatically overwrites data from the hard drive after each job is completed — data is destroyed to make recovery virtually impossible.

- Provides two methods for overwriting hard drive data – Event Driven and Overwrite All:
  - – Event Driven mode destroys copy, print and scan data immediately after each job is processed.
  - – Overwrite All mode overwrites the device's entire hard drive, including stored documents.
- Uses technology based on U.S. Department of Defense (DoD) and National Security Administration (NSA) overwrite methodologies.
- Validated with ISO 15408 Certification to an Evaluation Assurance Level (EAL) of 3 for selected DOSS options[1].

Encrypt Valuable Information

In addition to protecting documents and data, you can protect frequently used information — such as address books and administrator or user passwords — with the Savin hard drive encryption option.

- Helps keep information typically stored on an MFP or printer from being viewed, even if the electronic data or devices are stolen.
- Encrypts device information rather than destroying it, enabling only authorized users to access the data they need.

[1] DOSS must be installed on the MFP or printer at the customer's location for ISO 15408 compliance.

- Works in conjunction with the Savin DOSS solution for even greater MFP and printer hard drive security.

Option To Retain Your Hard Drive

When a system is at the end of a lease or ready for trade-in, Savin gives you the option to dispatch a certified technician to remove your existing hard drive and give it to you before the device ever leaves your site.

- Ensures that sensitive information is protected with this hard drive surrender option, which provides another level of security and confidence that your documents and data are safe.
- Choose to retain or destroy your hard drive according to your organization's specified security protocols.

Security Solutions Compatibility Chart

	Data Encryption	Document Protection	
	HDD Encryption	DataOverwriteSecurity System (DOSS)	RAM-based Security* (HDD Optional)
Color Multifunction			
GX3000S			■
GX3000SF			■
GX3050SFN			■
SP C220S			■
SP C231SF/C232SF			■
C9020L			■
C9020/SPF	■	■	
C9025/SPF	■	■	
C2828/SPF	■	■	
C3333/SPF	■	■	
C4040/SPF	■	■	
C5050/SPF	■	■	
C9065/C9075	■	■	
Pro C550EX/C700EX**	■	■	
Pro C900s		■	
Black & White Multifunction			
SP 1000SF			■
SP 3400SF/SP 3410SF			■
917/F/SPF (copier only)	■	■	■
9016/SPF			■
9021D/SPF			■
7025/SPF			■
9228SP/9233SP	■	■	
9025B* (copier only)	■	■	■
9033B* (copier only)	■	■	■
8035e/8045e SP/SPF/G		■	
9240SP/9250SP	■	■	
9040B/SPF	■	■	■
9050B/SPF	■	■	■
9060/9070/9080/9090	■	■	
Pro 907EX/1107EX/1357EX	■	■	

Note: Additional options may be required in order to achieve full security status.

** Only available when configured without a hard drive.*

*** Note: The Pro C550EX/Pro C700EX and Fiery controllers have separate security features. The security features listed above are for the mainframe GW controller only. If the mainframe is configured with the Fiery, the Fiery's security features take precedence.*

	Data Encryption	Document Protection	
	HDD Encryption	DataOverwriteSecurity System (DOSS)	RAM-based Security* (HDD Optional)
Color Printer			
SP C231N/C232DN			■
SP C311N/C312DN			■
CLP131DN	■	■	■
CLP131DN-KP HotSpot	■	■	
CLP37DN	■	■	■
CLP42DN	■	■	
CLP340D	■	■	■
CLP350D	■	■	
GX2500			■
GX e3300N**			■
GX e3350N**			■
GX e5550N**			■
GX7000			■
Pro C550EX/C700EX	■	■	
Pro C900		■	
Black & White Printer			
MLP31L		■	■
MLP4110- KP HotSpot		■	
MLP37N		■	■
SP 5100N			■
MLP235N	■	■	■
MLP150DN	■	■	■
SP 3400N/SP 3410DN			
MLP175n		■	

** Only available when configured without a hard drive.*

*** Note: The GX e3350N/GX e5550N support "IP address filtering" feature only. "Mac address filtering" is not supported. Locked/Secure Print is only available if a Hard Disk is installed.*

Security Solutions Terms

HDD Encryption: *option that locks data to prevent recovery*

DataOverwriteSecurity System (DOSS): *option that allows you to destroy data to prevent recovery*

RAM Based Security: *select Savin systems use volatile RAM instead of a hard drive to process data*

Security Solutions Compatibility Chart

	Data Encryption	Document Protection	
	HDD Encryption	DataOverwriteSecurity System (DOSS)	RAM-based Security* (HDD Optional)
Wide Format			
2406WP		■	
5100WD	■	■	
7140WD	■	■	
Epson Stylus® Pro 7700			■
Epson Stylus® Pro 9700			■
7700W			
7800W			■
Wide Format Color Scanner			■
Digital Duplicator			
3183DNP			■
3270DNP			■
3275DNP			■
3180DNP			■
3585DNP2			■
3580DNP			■
3590DNP			■

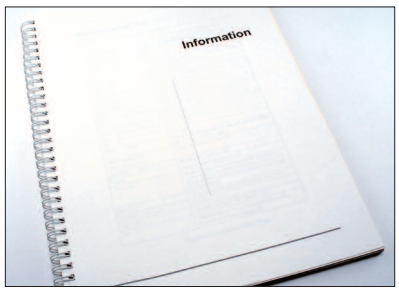
** Only available when configured without a hard drive.*

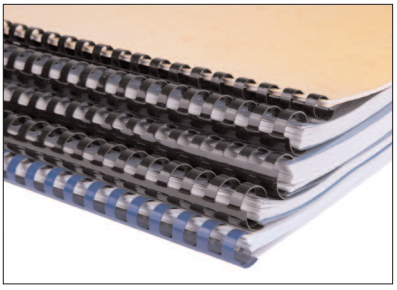
	Data Encryption	Document Protection	
	HDD Encryption	DataOverwriteSecurity System (DOSS)	RAM-based Security* (HDD Optional)
Facsimile			
SF3815			■
SF3820			■
SF3730			■
SF3770*			■
SF3770NF*			■
SF3799*			■
SF3799NF*			■

** Savin Fax products use volatile RAM for most document processing. Once a job is completed, the RAM is deleted and any image information is destroyed. Select Savin Fax systems do have the option of using non-volatile RAM (NV-RAM) for document processing. The non-volatile RAM will store documents until the NV-RAM is deleted. Once the NV-RAM is deleted however, the job data stored is destroyed.*

Supporting documentation and security white papers

Savin provides network and device security white papers that detail how information is secured on devices as well as on the network. For ISO 15408 Certified Options and Systems, Savin provides Common Criteria Certification Certificates as well as Testing Validation Reports. Customers may use the white papers, the certificates and the reports in their Information Security Plans to demonstrate that reasonable effort has been made to safeguard data and other proprietary assets.





Savin supports your organization's information security planning with documentation detailing the security procedures and measures in place for Savin MFPs and printers.

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Bringing Savin Value to Your Organization
Savin technology offers a diverse portfolio of solutions to help your organization stay competitive and move ahead. Let Savin show you how to empower your business to improve critical processes, increase security and promote environmental sustainability while reducing the total cost of ownership.

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